AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph [0007] with the following amended paragraphs:

(2) The shielding structure for a brushless type rotation detector ~~according to (1),~~ characterized in that the shielding structure is a ring-shaped structure including the stator magnetic shielding section and a securing section for mounting the structure to an inner surface of the case, the securing section is formed into a flange shape and has an insertion hole section into which a lead from the stator iron core is inserted, and the stator magnetic shielding section has the same ~~height~~ radial width as the stator transformer and the stator iron core and is formed without a hole section.

(3) The shielding structure for a brushless type rotation detector ~~according to (1),~~ characterized in that the shielding structure is a ring-shaped structure including the stator magnetic shielding section integrally formed with the case, and the stator magnetic shielding section has the same ~~height~~ radial width as the stator transformer and the stator iron core and is formed without a hole section.

(4) The shielding structure for a brushless type rotation detector ~~according to (2) or (3),~~ characterized in that the stator magnetic shielding section has a ~~height~~ radial width capable of also providing a shield between the rotor transformer and the rotor iron core.

(6) The shielding structure for a brushless type rotation detector ~~according to (5),~~ characterized in that the shielding structure is a ring-shaped structure including the rotor magnetic shielding section and a securing section for mounting the structure to a surface of the rotor, the securing section is formed into a flange shape, and the rotor magnetic shielding section has the same ~~height~~ radial width as the rotor transformer and the rotor iron core.

(7) The shielding structure for a brushless type rotation detector ~~according to (5),~~ characterized in that the shielding structure is a ring-shaped structure including the rotor magnetic shielding section integrally formed with the rotor, and the rotor magnetic shielding section has the same ~~height~~ radial width as the rotor transformer and the rotor iron core.

(8) The shielding structure for a brushless type rotation detector ~~according to (6) or (7),~~ characterized in that the rotor magnetic shielding section has a ~~height~~ radial width capable of also providing a shield between the stator transformer and the stator iron core.

(10) The shielding structure for a brushless type rotation detector ~~according to any of (1) to (9)~~ that can be used in a one phase excitation/two phase output brushless resolver, a two phase excitation/one phase output brushless resolver, or a two phase excitation/two phase output brushless resolver.

Please replace paragraph [0016] with the following amended paragraph:

Figure 2 is a section showing the example of the shielding structure according to the present invention. In Figure 2(a), the shielding structure is a ring-shaped structure including a stator magnetic shielding section 44a and a securing section 40 for mounting the structure to an inner surface of the case (5) in addition to the configuration described with reference to Figure 1, the securing section 40 is formed into a flange shape and has an insertion hole section 48 into which a lead from the stator iron core (2) is inserted, and the stator magnetic shielding section 44a has the same ~~height~~ radial width as the stator transformer (4) and the stator iron core (2) and is formed without a hole section.

Please replace paragraph [0018] with the following amended paragraph:

Irrespective of the configuration shown in Figure 2(a), the shielding structure may have a ring-shaped structure with the stator magnetic shielding section integrally formed with the case. In this case, like Figure 2(a), the stator magnetic shielding section may have the same ~~height~~ radial width as the stator transformer and the stator iron core and be formed without a hole section. With such a configuration, the shielding structure according to the present invention may be obtained in an integral manner with the case in a case manufacturing process, which eliminates the need for a later mounting process as compared with the case where the shielding structure is manufactured as a separate component.

Please replace paragraph [0019] with the following amended paragraph:

Figure 2(b) is a section showing a shielding structure according to the present invention having a ring-shaped structure taking an example different from the example in Figure 2(a). In the figure, the shielding structure is characterized in that a stator magnetic shielding section 44b has a ~~height~~ radial width capable of also providing a shield between the rotor transformer and the rotor iron core. With such a configuration, the magnetic flux leaking from the stator transformer 4 toward the stator iron core 2 as described with reference to Figure 1 is shielded by the stator magnetic shielding section 44b in this figure, thereby reducing interference of the magnetic flux leaking from the stator transformer 4 with the stator iron core 2, and restraining a reduction in angle detection accuracy. Further, the magnetic flux leaking from the rotor transformer 3 toward the rotor iron core 1 in Figure 1 is also shielded by the stator magnetic shielding section 44b in this figure, thereby reducing interference of the magnetic flux leaking from the rotor transformer 3 with the rotor iron core 2, and restraining a reduction in angle detection accuracy. This provides a more effective shield of the magnetic flux leaking from the rotation transformer to increase a reduction restraining effect of the angle detection accuracy. Such a configuration may be similarly used in the shielding structure integrally formed with the case besides the shielding structure as a separate component as shown in Figure 2(b).

Please replace paragraph [0022] with the following amended paragraph:

Figure 4 is a section showing the example of the shielding structure according to the present invention. In Figure 4(a), the shielding structure is a ring-shaped structure including a rotor magnetic shielding section 34a, and a securing section 30 for mounting the structure to a surface of a rotor 18 in addition to the configuration described with reference to Figure 3, the securing section 30 is formed into a flange shape, and the rotor magnetic shielding section 34a has the same ~~height~~ radial width as the rotor transformer and the rotor iron core.

Please replace paragraph [0024] with the following amended paragraph:

Irrespective of the configuration shown in Figure 4(a), the shielding structure may have a ring-shaped structure with the rotor magnetic shielding section integrally formed with the rotor. In this case, like Figure 4(a), the rotor magnetic shielding section may have the same ~~height~~ radial width as the rotor transformer and the rotor iron core. With such a configuration, the shielding structure according to the present invention may be obtained in an integral manner with the rotor in a rotor manufacturing process, which eliminates the need for a later mounting process as compared with the case where the shielding structure is manufactured as a separate component.

Please replace paragraph [0025] with the following amended paragraph:

Figure 4(b) is a section showing a shielding structure according to the present invention having a ring-shaped structure taking an example different from the example in Figure 4(a). In the figure, the shielding structure is characterized in that a rotor magnetic shielding section 34b has a ~~height~~ radial width capable of also providing a shield between the stator transformer and the stator iron core. With such a configuration, the magnetic flux leaking from the rotor transformer 3 toward the rotor iron core 1 as described with reference to Figure 3 is shielded by the rotor magnetic shielding section 34b in this figure, thereby reducing interference of the magnetic flux leaking from the rotor transformer 3 with the rotor iron core 2, and restraining a reduction in angle detection accuracy. Further, the magnetic flux leaking from the stator transformer 4 toward the stator iron core 2 in Figure 3 is also shielded by the rotor magnetic shielding section 34b in this figure, thereby reducing interference of the magnetic flux leaking from the stator transformer 4 with the stator iron core 1, and restraining a reduction in angle detection accuracy. This provides a more effective shield of the magnetic flux leaking from the rotation transformer to increase a reduction restraining effect of the angle detection accuracy. Such a configuration may be similarly used in the shielding structure integrally formed with the rotor besides the shielding structure as a separate component as shown in Figure 4(b).